## DXpedition News

**PJ8 - Dutch St. Maarten** (NA-105) Hardy Landskov N7RT will be QRV November 21-27 as either **PJ8M** or **PJ8RT**. Hardy will be active on 160 through 10 meters during the CQ WW CW contest. Outside of the contest look for Hardy on 160 and 75 meter SSB. Operation on the WARC bands may be possible outside of the contest, however the condition of the 12- and 17-meter antennas is currently unknown. Equipment will include a Mosley tribander, Butternut HF2V with 160 meters, and a Yaesu FT990. QSL direct to Hardy at 15814 N 44th Street, Phoenix, AZ, 85032.

**SV5 - Dodecanese** Al Rovner K7AR (ex-WA2TMP) will be QRV as **SV5/K7AR** November 21-26. During CQ WW CW a 20-meter, single-band effort will likely be used. QSL via AA6BB.

**Edited by Paul Smith AE4AP**

# The DX Bulletin

**America's Premier Weekly Amateur Radio Publication**



**5X - Uganda** Dale N3BNA and Dave P29WK are QRV from **5X4F** until November 28. Before and after CQ WW CW they will concentrate on 160 - 40 CW. QSL **5X4F** via K3SW.

**GD - Isle of Man** (EU-116) Steve G4OUL will be QRV November 15-28 as **GD4UOL** and November 29-30 as **GT3FLH**.

**GM - Scotland** Tom GM4FDM will be QRV as **GM6X** during CQ WW CW. Tom will be running legal limit with a FT1000MP and a 2-element Cushcraft yagi at 80 feet.

**T88T - Belau** The station's equipment is reported to have sustained damage beyond repair. The planned CQ WW CW operation from this station is doubtful. The station is currently QRT.

**C2 - Nauru Island** (OC-031) Martti Laine OH2BH and friends will be QRV as **C21BH** November 20-27 along with a M/M effort during CQ WW CW. The **C21BH** operation is in celebration of Martti's 50th birthday. The operation will include four stations, all signing **C21BH** from three different sites with beam antennas. Yaesu has provided FT1000MP transceivers and Cushcraft all the antennas. The amplifiers will be lightweight, OH1RY "briefcase" units, which have been successfully used on many recent DXpeditions. Operators include DU3YL, DU9RG, N4GN (ex-KJ4VH), K8YSE, JA1BK, OH1RY, OH2BC, OH2BE, OH2BH, and SM7PPK.

| Station | Description |
|---|---|
| Station A OH2BH | This station will be located in the Menneng hotel, and will include WARC bands and probably one other major band in the contest. Equipment includes FT1000MP and Alpha 91B with A3S and Create 80/40 vertical |
| Station B OH1RY | This station has the best low-band location on the island and will target 160, 80, and 40 meters. Equipment includes FT1000MP and OH1RY solid-state amplifier, with A3S and dipoles. |
| Station C N4GN | This is from the home of C21RK with his beam and amplifier. The station will target 20, 15, and 10 meters. Equipment includes a TS940, TL922 amplifier, 3-element beam, and low-band antennas. |
| Station D JA1BK | This station will be active from a hotel site using a FT990, OH1RY amplifier, and WARC wire antennas. |

QSL to Martti J. Laine, OH2BH, Nuottaniementie 3D20, 022330 Espoo, Finland.

**JT - Mongolia** Mike NI7T is QRV for the next month as **JT1FBT**. Look for him at 0000 - 1200 UTC from Ulan Bator on 160 though 10 meters. QSL to his home call.

**J8 - St. Vincent** (NA-025) Gert DL7VOG will be QRV as **J87GU** until November 25 on CW and RTTY. QSL home call.

**A4 - Oman** Tony A45ZN and Thomas SM0CXU will be QRV in CQ WW CW as **A45ZN**.

**FT8Z - Amsterdam Island** (AF-002) Eric F5ICB will be QRV for at least four months starting this week.

**9Y - Trinidad & Tobago** Jose CT1BOH will be QRV November 18-25, all bands, CW/SSB. During CQ WW CW he will be signing **9Y4H**.

**V5 - Namibia** Charlie KY0A is QRV as **V5/ZS6YG** mobile. Look for him on the low end of 40 CW running 500 watts. QSL home call.

## QSL Information

**9Q5PA** The APO address has been closed. All mail is being returned to the sender.

All QSLs for **EY1ZA**, **EY5OV**, **EY2Q**, **EY8CQ/R3Q**, **EY8AB**, **UJ8JCQ**, and **RJ8JAB** must be sent via Alex Rubtsov, EY8CQ, Box 32, Moscow, 117449, Russia or via the Tajik Amateur Radio League Bureau.

**H5ANX** to either his sister A22QR or to his S. African call ZS5EW.

**Direct: TJ1HP** Box 2311, Douala, Cameroon (5 WKS)
**VK4CY** 2 Weeks
**4K2MAL** Home Call UA5MAL (5 WKS)
**U1ZA** Box 3965, Murmansk, 183057, Russia
**3V8BB** (RTTY) Home call W6/G0AZT (8 Days)

**Managers: KC4AAC** (KE9AS, 2 YRS, 10 MOS), **9K2MU** (WA4JTK - 10 Days), **JA8CDG/ZC6** (JA8CDG, 4 MOS), **YO3AC** (W3HNK, 10 WKS)

## DXCC Processing

The DXCC Desk announced on November 6 that the number of unprocessed applications at the end of October 1996 was 604 (46,284 QSLs).

They received 340 applications (25,602 QSLs) for endorsements and new awards during the month.

Applications being sent out at the end of October were received less than a month earlier. A few applications received prior to that time were in the process of being audited, and so had not yet been completed.

## Packet Updates

**PacketCluster** ® callsign updates are available from XX Towers, Inc. for $50 plus shipping and handling. Voice 603-878-4200, Fax 603-878-1102, BBS 603-878-1900.

Innovative Network Technologies Incorporated has announced the development of **WinCluster 32**, a high-performance, 32-bit application for use under Windows NT. This product is intended to be a direct substitute for PacketCluster ® software.

Beta test versions will be available in the first quarter 1997.

Key features will include: new high performance inter-node protocols, broadcast protocols for user ports, built-in support for TCP/IP networking, support for AXIP connections to remote nodes, Telnet support - high performance SMTP mail server, supports up to 8 kiss communication ports, a new relational database manager, migration support for existing DX networks and their databases, fully modular design for upgrades and updates, sound card support, 24-hour telephone support.

The project team is represented by Project Manager Jim Moore WU3V, Software Engineer Ray Abadee KC5KGY, and Technical Support Fred Findling K5ET. Contact Jim for more information via Internet at jim@inti.net or http://www.inti.net

# Propagation

## Forecast and Historical Data

| Day Forecast | 27 Days Before | | | | 55 Days Before | | | |
|---|---|---|---|---|---|---|---|---|
| November | | | | | | | | |
| 13 High Normal | 10/17 | 70 | 20/20 | 3 | 9/19 | 72 | 5/5 | 2 |
| 14 High Normal | 10/18 | 70 | 20/20 | 3 | 9/20 | 72 | 10/10 | 3 |
| 15 Below Normal | 10/19 | 70 | 15/15 | 3 | 9/21 | 72 | 12/12 | 3 |
| 16 Low Normal | 10/20 | 70 | 15/ 15 | 3 | 9/22 | 74 | 12/12 | 3 |
| 17 High Normal | 10/21 | 70 | 10/ 10 | 3 | 9/23 | 74 | 14/14 | 3 |
| 18 Low Normal | 10/22 | 70 | 10/ 10 | 3 | 9/24 | 74 | 15/15 | 3 |
| 19 Below Normal | 10/23 | 70 | 20/ 20 | 4 | 9/25 | 74 | 30/30 | 5 |
| 20 High Normal | 10/24 | 70 | 18/ 18 | 4 | 9/26 | 72 | 25/25 | 5 |
| 21 High Normal | 10/25 | 70 | 15/ 15 | 3 | 9/27 | 72 | 15/15 | 3 |
| 22 High Normal | 10/26 | 70 | 10/ 10 | 3 | 9/28 | 72 | 15/15 | 3 |
| 23 High Normal | 10/27 | 70 | 8/8 | 3 | 9/29 | 72 | 10/10 | 3 |
| 24 High Normal | 10/28 | 70 | 8/8 | 3 | 9/30 | 70 | 10/10 | 2 |
| 25 High Normal | 10/29 | 70 | 10/10 | 3 | 10/1 | 70 | 10/10 | 2 |
| 26 High Normal | 10/30 | 70 | 9/10 | 3 | 10/2 | 70 | 5/5 | 2 |
| 27 High Normal | 10/31 | 70 | 6/5 | 2 | 10/3 | 70 | 5/5 | 2 |
| 28 High Normal | 11/1 | 70 | 5/5 | 2 | 10/4 | 70 | 5/5 | 2 |
| 29 High Normal | 11/2 | 70 | 5/5 | 2 | 10/5 | 68 | 7/7 | 2 |

## Propagation

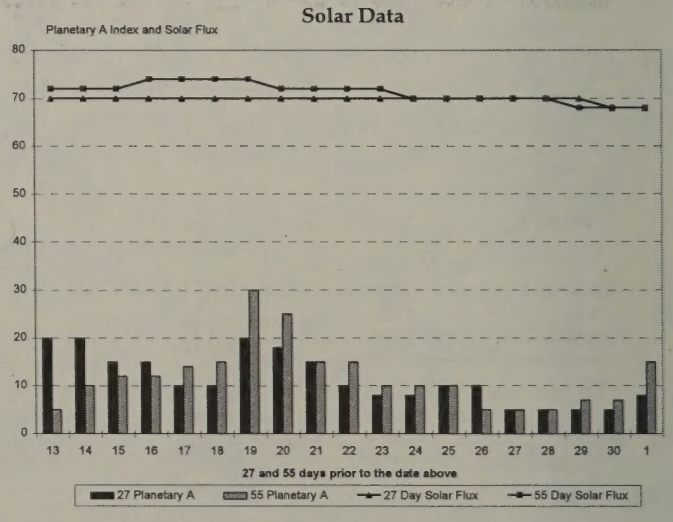
Solar activity is expected to remain very low. A small new spot (region 7993) became visible on Nov. 9.

Normal HF propagation will experience slight degradation along transauroral pathways, especially in the nighttime sectors.

The geomagnetic field is expected to be quiet to unsettled during most of the period. However, active levels are expected during November 14-19 if coronal hole effects recur.

Solar flux will average 70 for the coming week, with a K index average of 3. The A index will run 25 on the 15th, 15, 15, 20, 25, 10, dropping to 7 on the 21st.

This week's effective sunspot number is 10. This is constant with 10.0 last week.



| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|---|---|---|---|---|---|
| No 10 | No 11 | No 12 | No 13 | No 14 | No 15 | No 16 |
| No 17 | No 18 | No 19 | No 20 | No 21 | No 22 | No 23 |
| No 24 | No 25 | No 26 | No 27 | No 28 | No 29 | No 30 |
| De 1 | De 2 | De 3 | De 4 | De 5 | De 6 | De 7 |

# B A N D P A S S

Key to BANDPASS: Callsign, frequency, UTC, day of the month, state
# after the frequency indicates a Most Wanted Country. * indicates long path propagation.
All "portable" calls are listed with the country of operation first, regardless of format used on the air.

## Digimodes - RTTY

| | | | | |
|---|---|---|---|---|
| 4S7NR | 14.088 | 1802 | 2 | FL |
| 5H3LM | 14.090 | 1937 | 2 | FL |
| CU1AC | 14.086 | 1800 | 2 | FL |
| J38GU | 14.087 | 2105 | 2 | FL |
| J6/KD6WW | 14.086 | 1356 | 2 | FL |
| OX3RO | 14.087 | 2201 | 25 | FL |

## 160 Meters

| | | | | |
|---|---|---|---|---|
| 6W6JX | 1.833 | 0619 | 5 | VA |
| EI5HE | 1.834 | 0649 | 3 | IL |
| EM1U | 1.831 | 0135 | 1 | MA |
| FW2EH | 1.825 | 1330 | 2 | ID |
| HB9ATA | 1.828 | 2301 | 5 | AL |
| KH6AT | 1.833 | 0718 | 3 | IL |
| KH8/ AA5BL | 1.828 | 1123 | 1 | AL |
| KH8/ N5OLS | 1.829 | 1204 | 6 | AL |
| UAØKAG | 1.832 | 0632 | 3 | CA |
| VK5UM | 1.831 | 1200 | 4 | AL |
| XQ8ABF | 1.831 | 0129 | 1 | MA |
| ZL2SQ | 1.831 | 0702 | 5 | VA |

## 80 Meters - CW

| | | | | |
|---|---|---|---|---|
| 9J2SZ | 3.508 | 2248 | 3 | VA |
| BY1/ K1VWL | 3.505 | 1437 | 1 | ID |
| CM8TW | 3.507 | 1050 | 6 | NH |
| EM1KA | 3.508 | 0900 | 25 | NH |
| EM1U | 3.504 | 0830 | 24 | NH |
| EU3FT | 3.508 | 0055 | 3 | GA |
| FW2EH | 3.511 | 1116 | 2 | VA |
| JA5CZE | 3.506 | 2120 | 5 | NH |
| JA7BXS | 3.509 | 1105 | 4 | NH |
| JA7SN | 3.504 | 1135 | 2 | NH |
| JW5MN | 3.503 | 1055 | 6 | NH |
| KHØ/ JA4DND | 3.502 | 1050 | 2 | AL |
| KH2/ K8HTV | 3.505 | 1020 | 6 | NH |
| KH6AK | 3.509 | 1030 | 4 | NH |
| LU6MFD | 3.502 | 0925 | 5 | NH |
| NE4G/KP4 | 3.506 | 1002 | 22 | NH |
| OX3IPA | 3.501 | 1128 | 1 | NH |
| RAØCG | 3.501 | 0930 | 24 | NH |
| RA2FBC | 3.505 | 0110 | 3 | GA |
| T88T | 3.504 | 0950 | 24 | NH |
| TF5DX | 3.505 | 0915 | 3 | NH |
| UZ5DW | 3.501 | 2145 | 4 | NH |
| VO1FB | 3.505 | 0956 | 22 | NH |
| VP5/ WA2VYA | 3.503 | 1035 | 25 | NH |
| W7FKF/C6 | 3.508 | 1120 | 24 | NH |
| XX9TSS | 3.505# | 0914 | 2 | NH |
| YB3OSE | 3.511 | 1214 | 3 | AL |
| ZF8BS | 3.505 | 1030 | 25 | NH |
| ZS6UT | 3.505 | 0125 | 2 | IA |

## 75 Meters - SSB

| | | | | |
|---|---|---|---|---|
| 5X1T | 3.797# | 2250 | 3 | IA |
| 8R1Z | 3.790 | 0405 | 2 | IA |
| 9J2SZ | 3.794 | 0350 | 4 | IA |
| CYØXX | 3.794# | 0815 | 25 | NH |
| EA8PP | 3.793 | 0451 | 4 | CA |
| EI6S | 3.799 | 0811 | 2 | IL |
| JO1DZA | 3.794 | 1131 | 1 | VA |
| PJ4/ WA3LRO | 3.795 | 1039 | 24 | NH |
| PY7XC | 3.798 | 0145 | 5 | FL |
| VK2BEX/ CYØ | 3.799 | 1025 | 24 | NH |
| ZS8IR | 3.798# | 0225 | 9 | IA |

## 40 Meters - CW

| | | | | |
|---|---|---|---|---|
| 3B8CF | 7.007 | 0215 | 7 | GA |
| 3DAØCA | 7.005 | 0403 | 4 | NH |
| 4F3CV | 7.012 | 1202 | 5 | AL |
| 5K6W | 7.003 | 0422 | 2 | IL |
| 6W1AEB | 7.010 | 2256 | 5 | AL |
| 7Q7EH | 7.010 | 0145 | 8 | IA |
| 9J2SZ | 7.004 | 0421 | 4 | AL |
| 9M8HIM | 7.006 | 2300 | 3 | GA |
| A35RK | 7.007 | 0521 | 1 | IL |
| EA8ASJ | 7.013 | 0726 | 2 | IL |
| EM1KA | 7.005 | 0210 | 6 | IA |
| EM1W | 7.003 | 0005 | 4 | GA |
| EU3FT | 7.006 | 0020 | 6 | GA |
| EW2CR | 7.001 | 2338 | 8 | FL |
| FK8GJ | 7.004 | 1130 | 5 | AL |
| FT5WE | 7.005 | 1255 | 3 | IA |
| FW2EH | 7.005 | 0410 | 1 | CA |
| HBØ/ HAØHW/P | 7.001 | 0043 | 1 | AL |
| HC2/F9IE | 7.007 | 2335 | 8 | FL |
| HC4/ F5LGQ | 7.010 | 0825 | 3 | IL |
| HC4/ F6BFH | 7.004 | 0011 | 3 | NH |
| HC5AI | 7.010 | 1133 | 9 | FL |
| HKØER | 7.007# | 0210 | 9 | IA |
| HS6CMT/3 | 7.013 | 1144 | 5 | AL |
| IØBAM | 7.001 | 0008 | 2 | NH |
| J38GU | 7.005 | 1031 | 1 | OK |
| JA3WFG | 7.013 | 1420 | 5 | NH |
| JA5SEY/ HP3 | 7.008 | 0432 | 2 | IL |
| KHØ/ JA4DND | 7.007 | 1220 | 1 | VA |
| LY1DR | 7.004 | 2325 | 8 | FL |
| PT7WX | 7.003 | 0210 | 2 | NH |
| RZ3QMY | 7.009 | 0420 | 4 | NH |
| RZ6LJ | 7.006 | *1255 | 8 | IA |
| SV1COM | 7.005 | 2327 | 8 | FL |
| T88YY | 7.007 | 1453 | 8 | CA |
| TA3D | 7.004 | 0205 | 9 | IA |
| TI2CCC | 7.014 | 0404 | 4 | NH |
| TR8BAR | 7.003 | 0515 | 7 | IA |
| TR8XX | 7.006 | 0605 | 1 | IA |
| UAØAZ | 7.006 | 0202 | 8 | FL |
| UT3IQ/ RØQ | 7.012 | 0155 | 9 | IA |
| V5/ZS6YG | 7.002 | 0300 | 6 | GA |
| V73GT | 7.009 | 1259 | 2 | AL |
| V8ATG | 7.004 | 1136 | 2 | AL |
| VK8VQ | 7.007 | 1139 | 9 | FL |
| XE1IGT | 7.008 | 0247 | 2 | NH |
| XU6WV | 7.001# | 1552 | 2 | ID |
| XX9TEL | 7.008# | 1554 | 2 | ID |
| ZD8DEZ | 7.006 | 0605 | 1 | IA |
| ZF2GS | 7.004 | 2326 | 8 | FL |
| ZL2AL | 7.007 | 1138 | 4 | NJ |

## 40 Meters - SSB

| | | | | |
|---|---|---|---|---|
| EM1U | 7.185 | 0511 | 1 | CA |

## 30 Meters

| | | | | |
|---|---|---|---|---|
| A35RK | 10.108 | 0614 | 2 | CA |
| HC5AI | 10.101 | 1200 | 9 | FL |
| J38GU | 10.103 | 1136 | 3 | FL |
| KHØ/ JA1HGY | 10.108 | 1140 | 3 | FL |
| OZ7C | 10.101 | 1535 | 4 | CA |
| TA1AN | 10.101 | 2235 | 3 | GA |
| XU6WV | 10.101# | 1600 | 3 | CA |

## 20 Meters - CW

| | | | | |
|---|---|---|---|---|
| 5X4DLI | 14.015# | 1925 | 8 | IA |
| 7Z5OO | 14.012 | 1355 | 7 | IA |
| 9H1AM | 14.008 | 1505 | 2 | IL |
| 9K2MU | 14.009 | 1426 | 1 | ID |
| BV2HL | 14.008 | 2235 | 8 | IA |
| BV4PM | 14.010 | 2301 | 8 | FL |
| EM1KA | 14.007 | 0005 | 8 | IA |
| EM1W | 14.007 | 0005 | 6 | GA |
| ET3BN | 14.025# | 2010 | 1 | IA |
| GB25MDP | 14.007 | 1350 | 5 | NH |
| HP3/ JA5SEY | 14.008 | 2045 | 2 | GA |
| ISØATP | 14.007 | 1643 | 1 | ID |
| J6/KD6WW | 14.083 | 2257 | 1 | FL |
| JY9QJ | 14.016 | 1400 | 7 | IA |
| OA4BR | 14.083 | 2305 | 1 | FL |
| OX31PA | 14.050 | 1800 | 2 | NH |
| RV3BK | 14.005 | 1415 | 1 | NH |
| RWØMM | 14.029 | 2254 | 1 | FL |
| SV1CDX | 14.001 | 1623 | 3 | IL |
| TL8/ F5JKK | 14.014 | 2050 | 2 | GA |
| U1ZA/A | 14.006 | 1322 | 1 | MA |
| UR5MHA | 14.008 | 1415 | 5 | NH |
| VP8CKN | 14.087 | 2228 | 25 | FL |
| VR2GY | 14.012 | 2327 | 31 | ID |
| W4NXE/ DU3 | 14.023 | 2244 | 8 | FL |
| XO3COP | 14.129 | 2037 | 1 | AR |
| XX9TRJ | 14.016# | 2235 | 1 | MI |
| YB3OSE | 14.041 | 2240 | 5 | IA |
| YL2TW | 14.023 | 1439 | 2 | ID |
| ZK2RA | 14.016 | 0543 | 26 | CA |

## 20 Meters - SSB

| | | | | |
|---|---|---|---|---|
| 3DAØCA | 14.240 | 1840 | 3 | PA |
| 4X4FR | 14.212 | 1837 | 3 | PA |
| 5NØMVE | 14.168 | 1929 | 3 | IL |
| 5N1DMA | 14.210 | 2019 | 2 | PA |
| 5V7BVN | 14.215# | 1328 | 3 | PA |
| 5X1T | 14.196# | 2017 | 1 | AR |
| 5X4F | 14.240# | 1840 | 3 | PA |
| 5Z4RL | 14.240 | 1841 | 3 | PA |
| 9A2OM | 14.214 | 1343 | 3 | PA |
| 9G1PD | 14.247 | 2048 | 2 | PA |
| 9J2CE | 14.206 | 2021 | 1 | AR |
| 9K2HN | 14.195 | 1815 | 2 | GA |
| 9Q5TR | 14.240 | 2029 | 2 | PA |
| BV5GQ | 14.183 | 2227 | 2 | PA |
| CYØ/V73C | 14.195# | 1249 | 1 | PA |
| DU1KT | 14.205 | 2241 | 2 | PA |
| EA6BH | 14.210 | 1302 | 1 | PA |
| ES4RO | 14.223 | 1344 | 3 | PA |
| FG5HR | 14.221 | 2056 | 2 | PA |
| FW2OI | 14.195 | 2151 | 3 | CA |
| GB6ØBBC | 14.189 | 1253 | 2 | VA |
| HC4/ F6BFH | 14.260 | 1957 | 2 | MA |
| J37LK | 14.247 | 2211 | 1 | FL |
| KC4USV | 14.243 | 0153 | 5 | FL |
| KG4AU | 14.176 | 2236 | 1 | FL |
| KG4AU | 14.176 | 2245 | 1 | PA |
| KH4/ W7VWR | 14.200# | 0041 | 7 | VA |
| OX3IPA | 14.240 | 1359 | 3 | PA |
| TI5XP | 14.210 | 0047 | 1 | FL |
| TJ1PD | 14.247# | 2050 | 2 | PA |
| V51BP | 14.192 | 2023 | 2 | PA |
| VP2VF | 14.247 | 2211 | 1 | FL |
| VS96BG | 14.152 | 2345 | 8 | IA |
| VV2CVP | 14.189 | *0144 | 4 | CA |
| ZD7HI | 14.240 | 2220 | 7 | IA |
| ZF2UH | 14.225 | 2059 | 2 | PA |
| ZP5CGL | 14.215 | 2258 | 2 | PA |
| ZS6SOA | 14.203 | *1251 | 1 | PA |

## 17 Meters - CW

| | | | | |
|---|---|---|---|---|
| 6W6JX | 18.088 | 1642 | 1 | VA |
| 7Z5ØØ | 18.070 | 1203 | 2 | MA |
| 9Y4NW | 18.082 | 1815 | 2 | FL |
| FW2EH | 18.069 | 2300 | 1 | ID |
| FY5YE | 18.070 | 1509 | 3 | CA |
| HB91JC | 18.074 | 1517 | 3 | CA |
| HB9HFN | 18.073 | 1534 | 2 | CA |
| IA4/KUØJ | 18.069 | 1300 | 3 | GA |
| KHØ/ JA4DND | 18.076 | 2344 | 2 | CA |
| OK1FGF | 18.074 | 1512 | 3 | CA |
| OK1IF | 18.077 | 1504 | 3 | CA |
| T77C | 18.075 | 1600 | 2 | CA |
| TI4VSG | 18.075 | 2116 | 1 | ID |
| UX1LR | 18.070 | 1315 | 2 | GA |
| ZA1M | 18.077 | 1310 | 3 | GA |

## 17 Meters - SSB

| | | | | |
|---|---|---|---|---|
| 5NØMVE | 18.147 | 1614 | 2 | CA |
| 7X5JF | 18.151 | 1352 | 4 | VA |
| 9G1AJ | 18.131 | 1431 | 7 | VA |
| FW2OI | 18.148 | 1849 | 2 | CA |
| GM4DZX | 18.129 | 1407 | 4 | VA |
| HB9SS | 18.136 | 1450 | 7 | VA |
| KHØAC | 18.130 | 2223 | 1 | FL |
| KH8/ N5OLS | 18.130 | 2334 | 6 | VA |
| MØAKB | 18.154 | 1527 | 4 | VA |
| ON5CD | 18.160 | 1523 | 3 | CA |
| PA3GVW | 18.133 | 1503 | 4 | VA |

## 15 Meters - CW

| | | | | |
|---|---|---|---|---|
| 5N3/ SP5XAR | 21.019 | 1408 | 2 | FL |
| 5X1P | 21.024# | 1435 | 3 | IA |
| 5Z4BZ | 21.030 | 1406 | 2 | FL |
| 7X4AN | 21.019 | 1620 | 7 | IA |
| 9K2/ YO9HP | 21.017 | 1401 | 2 | FL |
| FOØHON | 21.021 | 2100 | 8 | IA |
| OA4FW | 21.019 | 2145 | 2 | AZ |
| SV1BA | 21.005 | 1438 | 5 | MI |

## 15 Meters - SSB

| | | | | |
|---|---|---|---|---|
| 5R8EE | 21.244# | 1741 | 5 | VA |
| 6W6JX | 21.296 | 1758 | 2 | VA |
| 7D7HI | 21.355 | 1833 | 5 | VA |
| 7Q7RM | 21.345 | 1818 | 5 | VA |

## Current and Future DXpeditions

(Changes and hot info in **boldface**.)

| DXCC Country | Prefix | Callsign | Dates | Issue |
|---|---|---|---|---|
| Ascension Island | ZD8 | ZD8DEZ | to Dec | 835 |
| Bahamas | C6 | C6A/K3TEJ | Nov 20-25 | 862 |
| Barbados | 8P9 | 8P9HT | Nov 19-26 | 854 |
| **Belau** | **T8** | **T88T** | **QRT** | **864** |
| Brazil | PY | PV2V | Nov 16-24 | 854 |
| | | PS2S | Nov 24-Dec 1 | 854 |
| Chagos Island | VQ9 | VQ9WM | Through 7/97 | 859 |
| | | VQ9QM | Dec 1996 | 862 |
| China | BY | BY8SKM | Nov 23 | 860 |
| Crozet Island | FT8W | | Jan 8-9, 97 | 861 |
| **Dodecanese** | **SV5** | **SV5/K7AR** | **Nov 21-26** | **864** |
| **Dutch St. Maarten** | **PJ8** | **PJ8M** | **Nov 21-27** | **864** |
| Grenada | J3 | J3/WJ2O | Nov 20-29 | 857 |
| Guam | KH2 | KH2/AD4WF | Nov 29-Dec 3 | 863 |
| **Haiti** | **HH** | **4V2A** | **Nov 23-24** | **864** |
| Heard Island | VK0 | VK0IR | Jan 13-27, 97 | 861 |
| Isle of Man | GD | GD4UOL | Nov 15-28 | 862 |
| | | GT3FLH | Nov 29-30 | 862 |
| Kerguelen Island | FT8X | | Jan 30, 1997 | 861 |
| Labrador | VO2 | Zone 2 RTTY | Nov 21-26 | 863 |
| Lesotho | 7P8 | /G4FUI | to December | 851 |
| Macquarie Is. | VK0 | VK0WG | Starting Nov | 859 |
| Mayotte | FH | FH/F6HWU | Nov 9-27 | 863 |
| **Mongolia** | **JT** | **JT1FBT** | **Nov-Dec 96** | **864** |
| Myanmar | XZ | XZ1N | Nov 16-25 | 858 |
| **Namibia** | **V5** | **V5/ZS6YG** | **Now** | **864** |
| **Nauru Island** | **C2** | **C21BH** | **Nov 20-27** | **864** |
| Nepal | 9N | 9N1OSN | Till Nov 28 | 862 |
| **Oman** | **A4** | **A45ZN** | **Nov 23-24** | **864** |
| Reunion Island | FR | FR/EA2KL | Jan 3, 97 | 861 |
| St. Kitts | V4 | V47KP | Oct & Nov | 860 |
| | | V47VJ | Nov 15-25 | 862 |
| St. Lucia (Update) | J6 | J6DX | Nov 22-24 | 863 |
| St. Martin | FJ | FS/W2QM | Dec 4-11 | 860 |
| **St. Vincent** | **J8** | **J87GU** | **Till Nov 25** | **864** |
| South Cook | ZK1 | ZK1DI | Through 3/97 | 859 |
| **Swaziland** | **3DA0** | **3DA0NX** | **Nov 23-24** | **864** |
| Thailand | HS | HS0/WA0RJY | Nov 16-Dec 1 | 863 |
| **Trinidad & Tobago** | | **9Y4H** | **Nov 18-25** | **864** |
| Togo | 5V | 5V5A | Nov 23-24 | 860 |
| U.A.E. | A6 | A61AF | Nov 16-26 | 863 |
| **Uganda** | **5X** | **5X4F** | **Until Nov 28** | **864** |
| Vietnam | XV | XV7SW | from Oct. | 856 |
| Zambia | 9J | 9J2CE | Till Nov 15 | 862 |

*The DX Magazine*

The DX Magazine would like to publish articles on your DXpeditions or IOTA adventures.

The articles do not need to be professionally written - just share with others in your own words what it was like to actually be there, on the other end of the pile-up.

**Think you have the most unusual or best looking QSL card around? Submit it to us for inclusion in The DX Magazine's new QSL Corner column.**

## DX Events, Happenings, and Gatherings

| | |
|---|---|
| Nov 16-17 | ARRL SSB Sweepstakes |
| Nov 16-17 | All Austria CW Contest |
| Nov 16-17 | IARU Region 1 160 Meter Contest |
| Nov 23-24 | CQ WW CW DX Contest |
| Dec 6-8 | ARRL 160 Meter Contest |
| Dec 14-15 | ARRL 10 Meter Contest |
| Dec 21-22 | Croatian CW Contest |
| Dec 29 | RAC Canada Winter Contest |
| Jan 25-26 | CQ WW CW 160M Contest |
| Feb 15-16 | ARRL CW DX Contest |
| Feb 22-23 | CQ WW SSB 160 Meter Contest |
| Mar 1-2 | ARRL SSB DX Contest |

## Amateurs on Regularly

| DXCC Country | Callsign | Freq. | UTC |
|---|---|---|---|
| **Wallis & Futuna** | **FW2EH** | **3.510** | **1100** |

The DX Bulletin

**P.O. BOX 2306**
**PADUCAH, KY**
**42002-2306 USA**
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Copyright **The DX Bulletin.** All rights reserved. **The DX Bulletin** (ISSN 0279-8077) is published 50 weeks per year (weekly except weeks #27 and 52 of the calendar year) at PO Box 2306, Paducah KY 42002-2306 USA. Telephone: (502) 898-8863. Fax: (502) 898-8865. Internet Address: dxpub@midwest.net. One-year subscription rates are $34 by Second Class Mail, $44 by First Class Mail, US$51 to Canada, US$48 to Mexico, and US$60 Foreign Airmail. Periodicals postage paid at Paducah KY. **Postmaster:** Send address changes to **The DX Bulletin,** PO Box 2306, Paducah KY 42002-2306.

| | | | |
|---|---|---|---|
| **Uganda** | **5X1T** | **3.797** | **2300** |
| **Cambodia** | **XU6WV** | **7.001** | **1550** |
| **Ethiopia** | **ET3BN** | **14.025** | **2000** |
| **Uganda** | **5X1P** | **21.025** | **1430** |

## Contributors

This issue made possible by: JA1HGY, AA6DC, AD4WF, K1HDO, K3ZO, K4BAI, K4IQJ, K4KQ, K4LNA, KA7T, KB4VHW, K4VQ, K5OVC, K6IR, K6LEB, K7ABV, K7LFY, K8JLF, K9UE, KB5OHT, KB8I, KG4O, KM9J, KS0M, KZ0X, LU7DW, N2GLH, N2LEB, N6YEU, W1BFT, W1FV, W1NH, VE2FLE, W1WA, W4TYU, W4VQ, W6AJJ, W6OR, W7AYY, W8AXI, W8CT, W9HAO, W9NTU, W9UI, W0JRN, W0RI, W0RXL, WA3WSJ, WA6TKT, WA0RJY, WB3ECU, WB8YJF, WB8ZRL, WE6V, WE9V and WU6T. Thank you for your help.